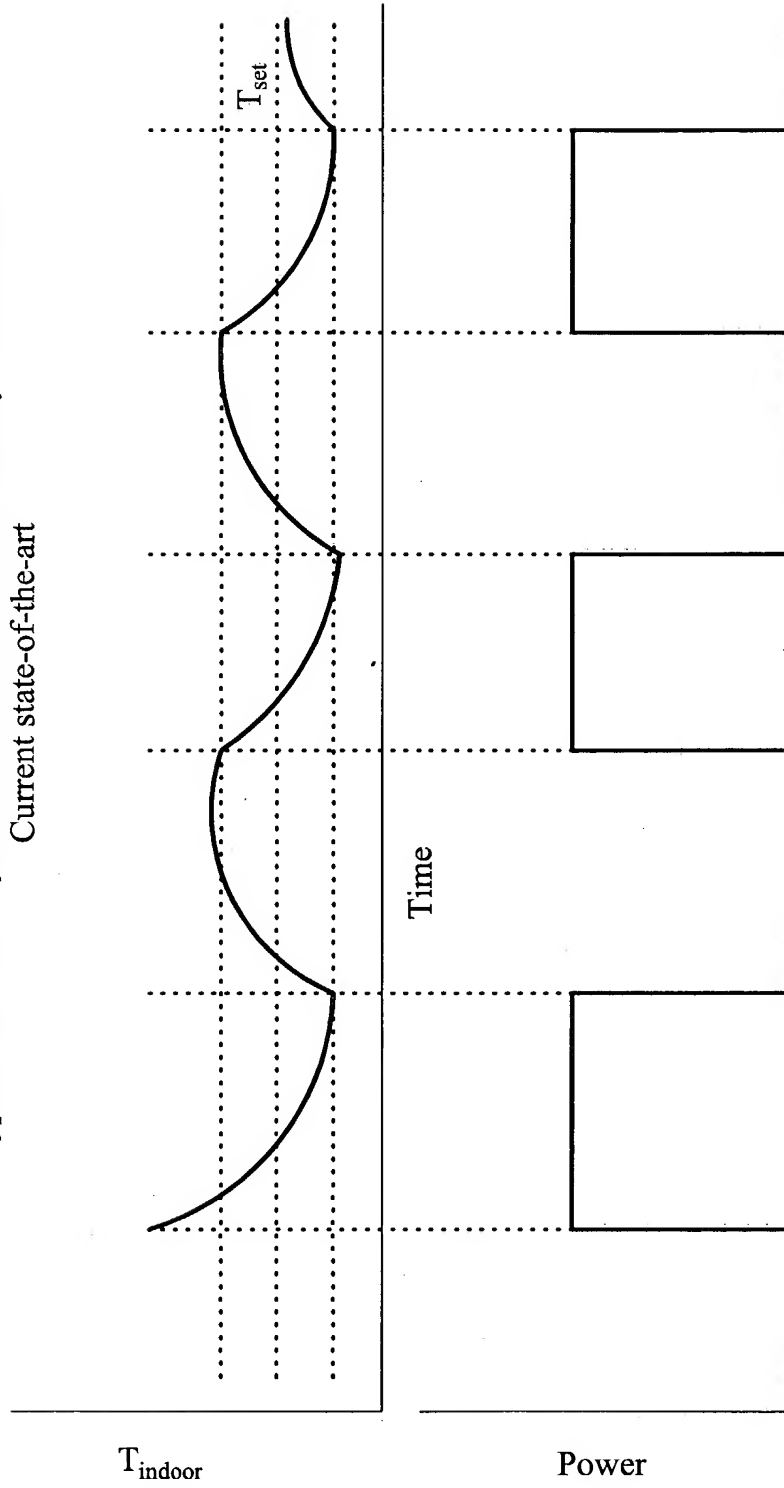




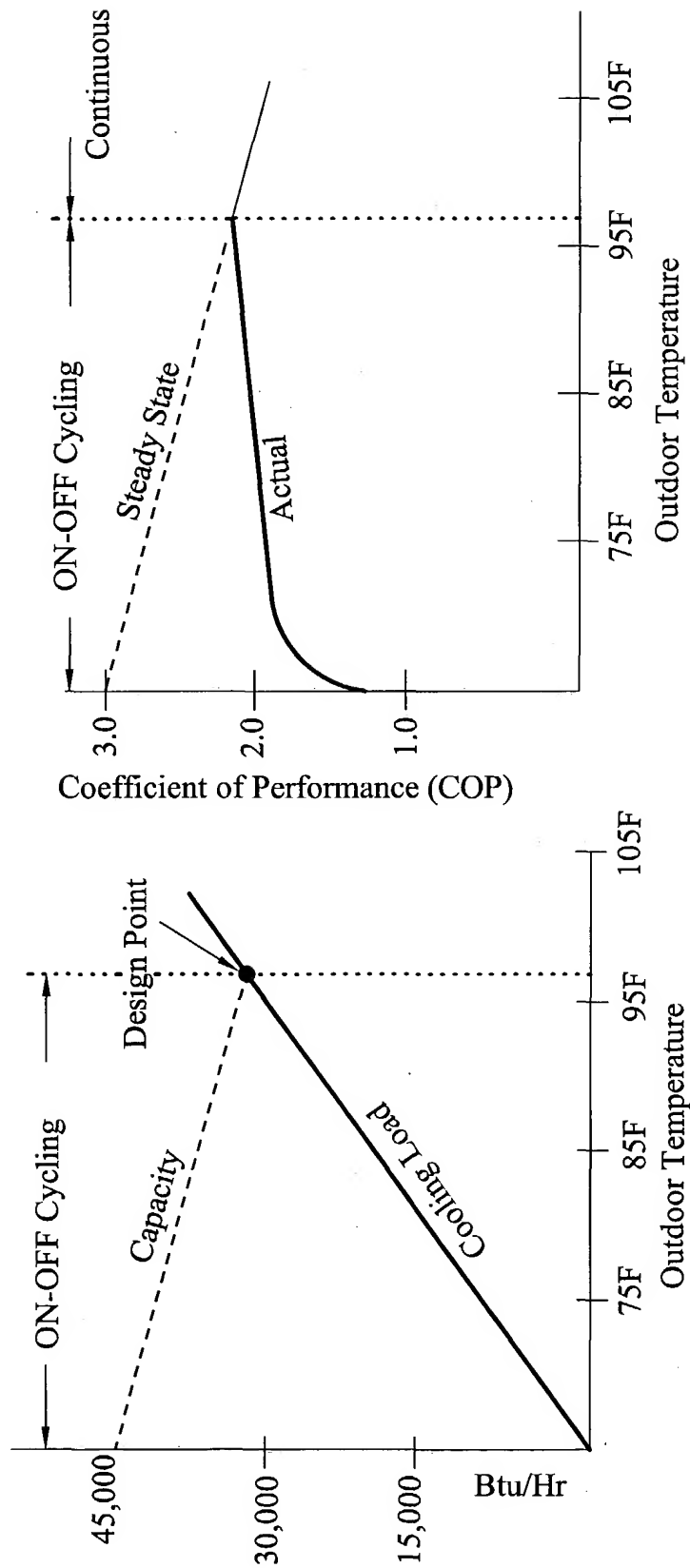
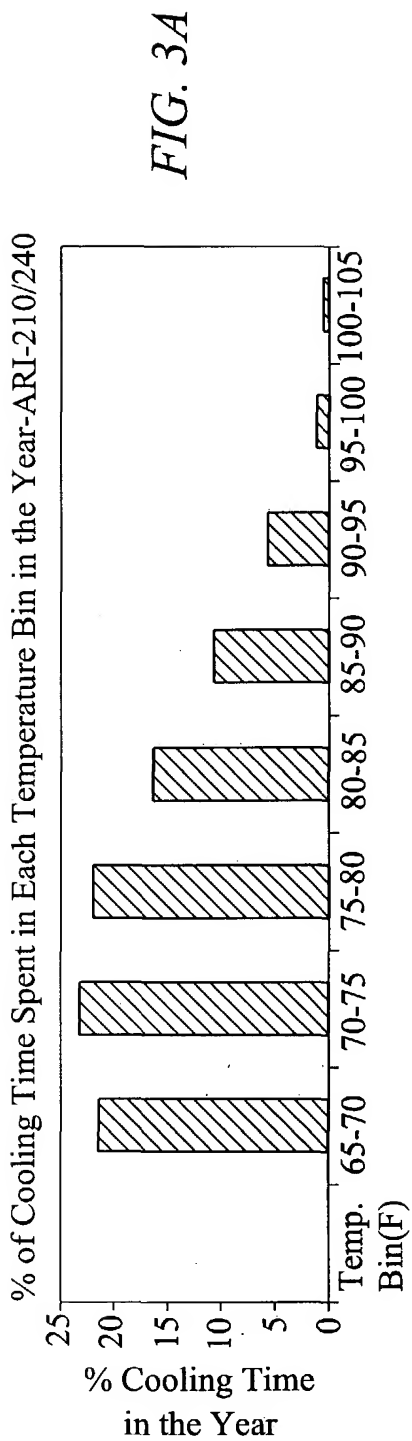
FIG. 1

Typical ON - OFF cycle of air conditioner controlled by a thermostat in  
Current state-of-the-art



Time

**FIG. 2**  
(Prior Art)



**FIG. 3C**

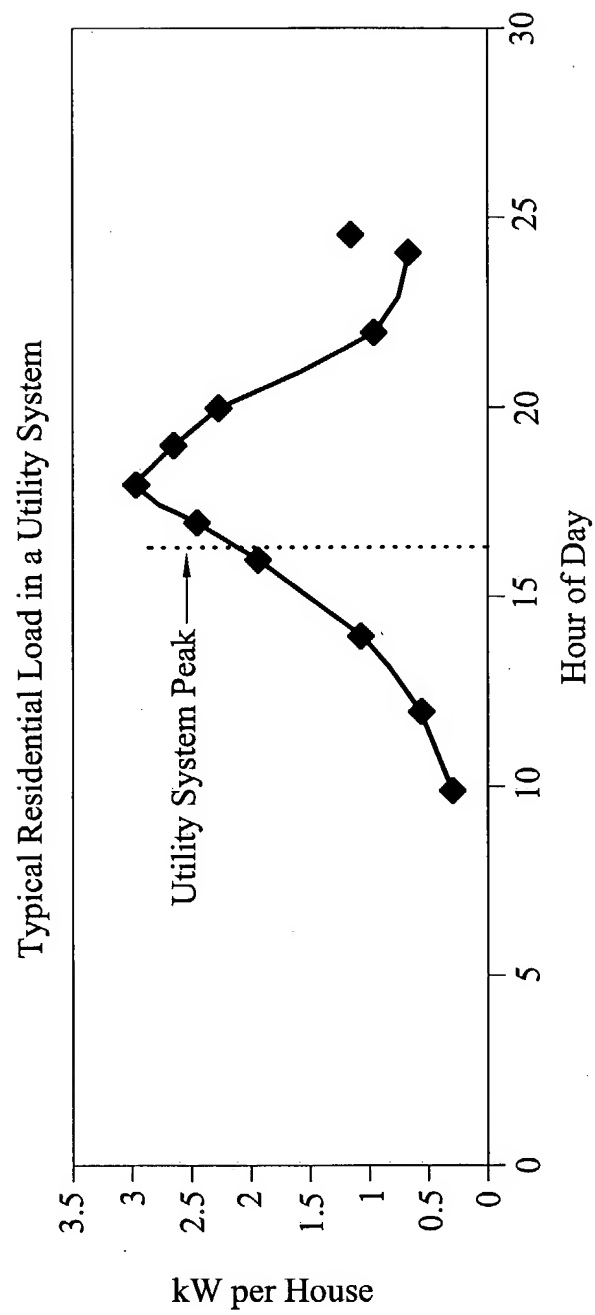


FIG. 4

T <sub>outside</sub>	Indoor temperature			Time A/C was ON, t ON	Rate of Cooling Delta T/t ON		
	At start of cooling	At end of cooling	Delta T		Level 1	Level 2	Level 3

FIG. 5A

T <sub>outside</sub>	Indoor temperature			Time A/C was OFF, t OFF	Rate of Warming Delta T/t OFF
	At start of warming	At end of warming	Delta T		

FIG. 5B

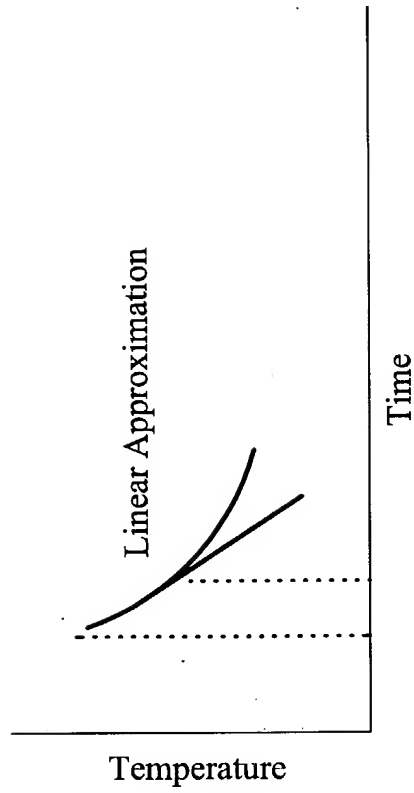


FIG. 6A

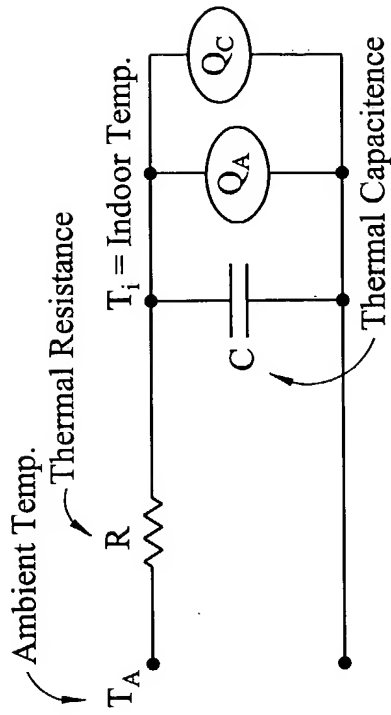


FIG. 6B

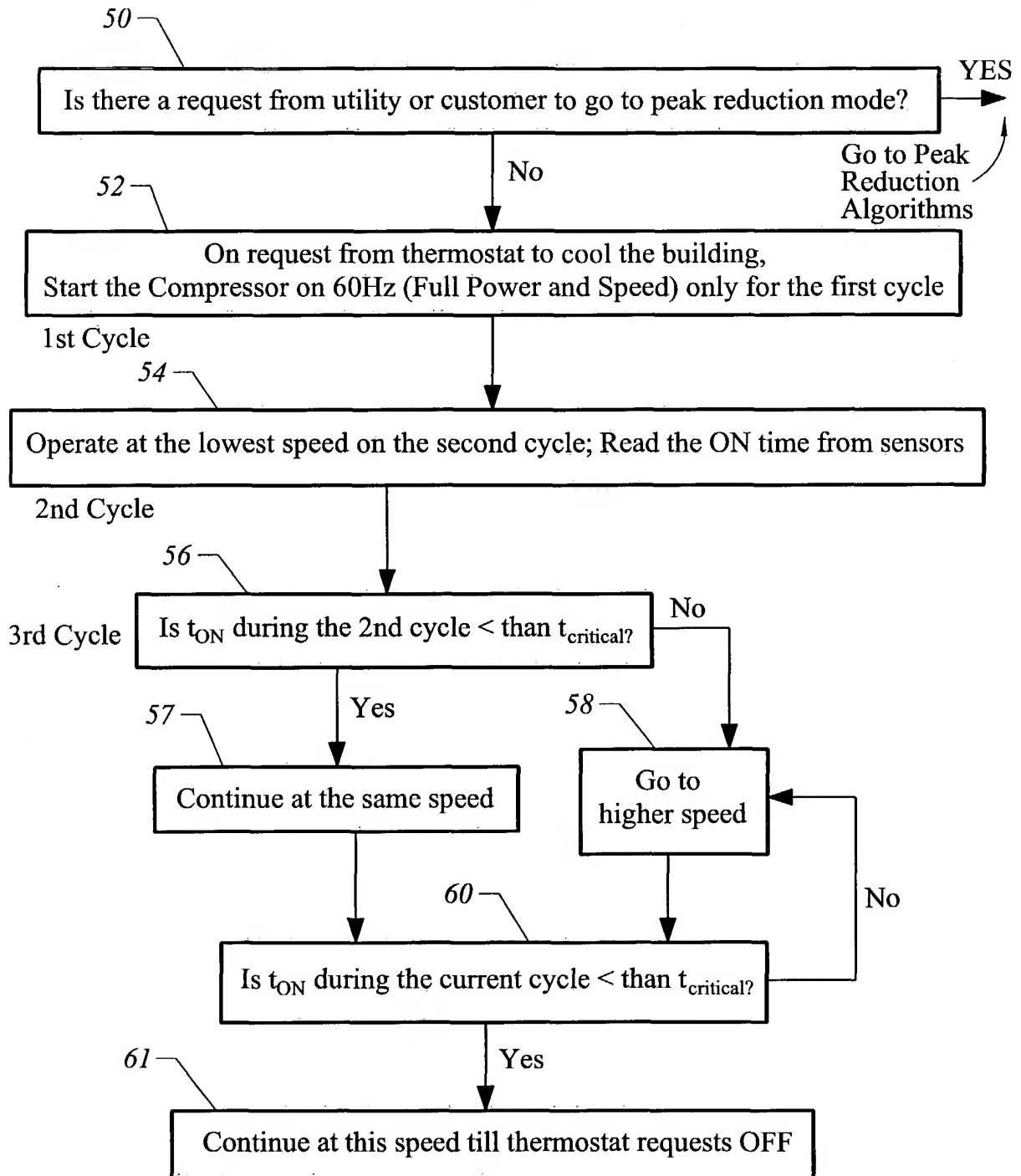


FIG. 7

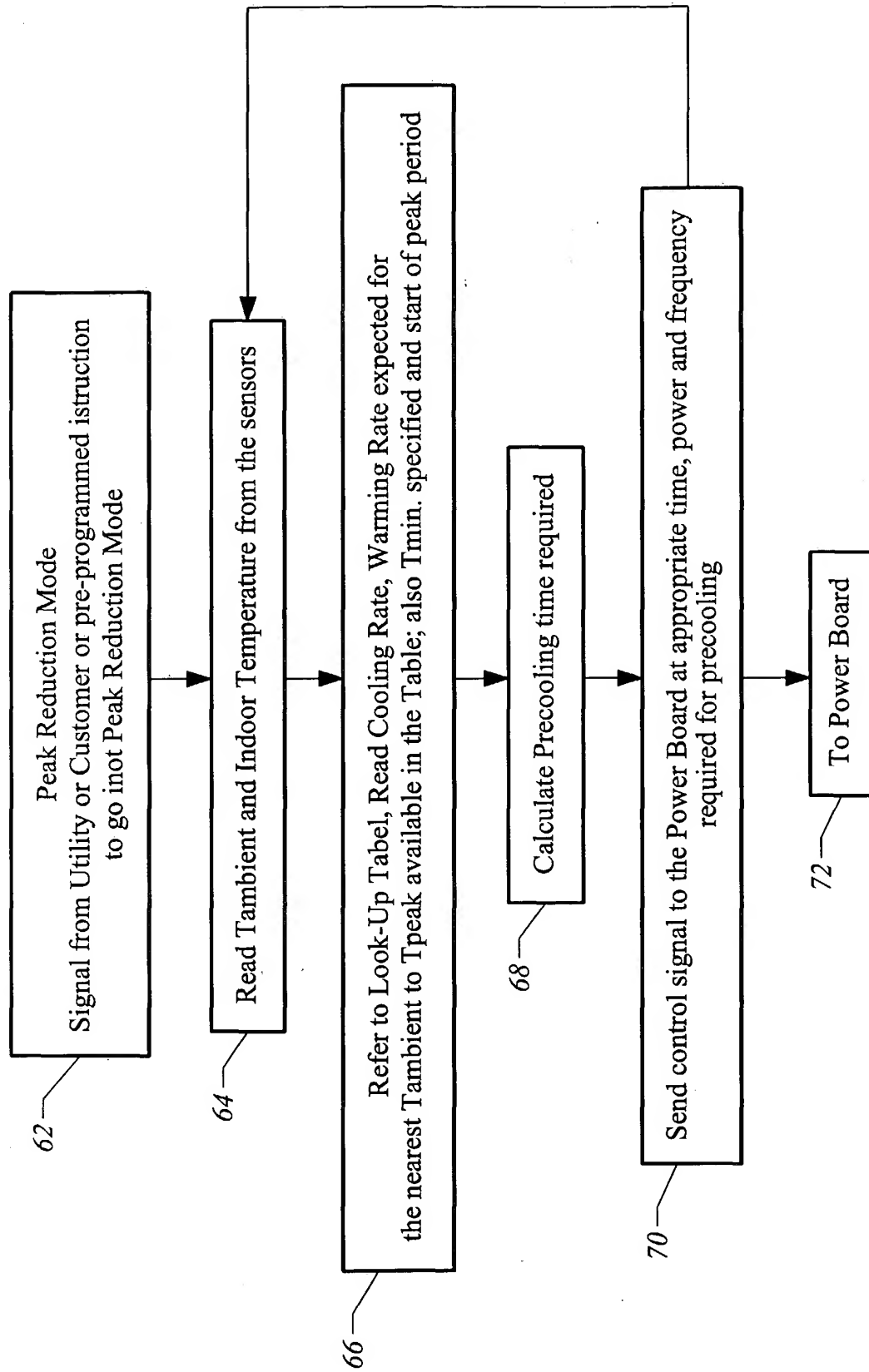


FIG. 8A



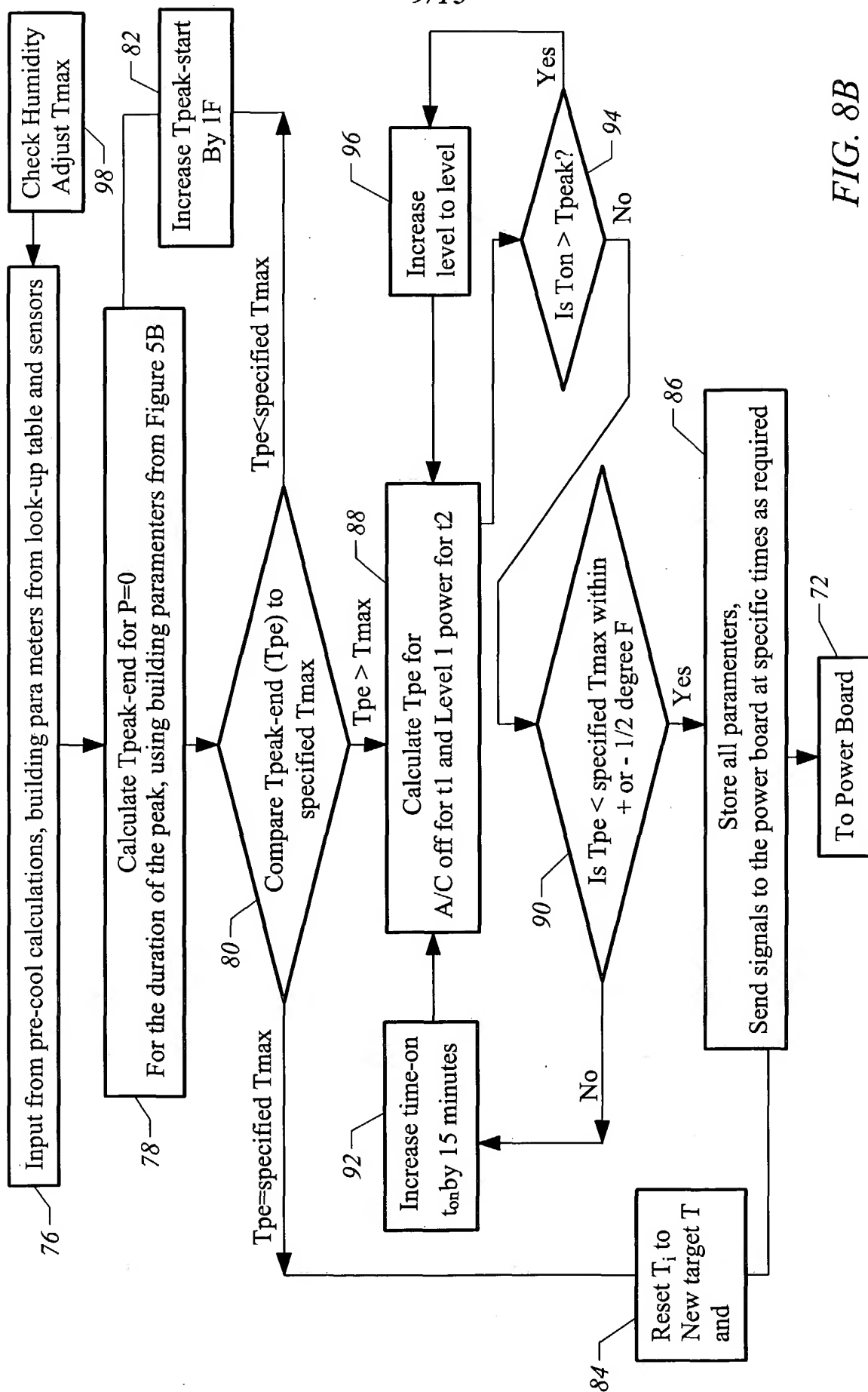
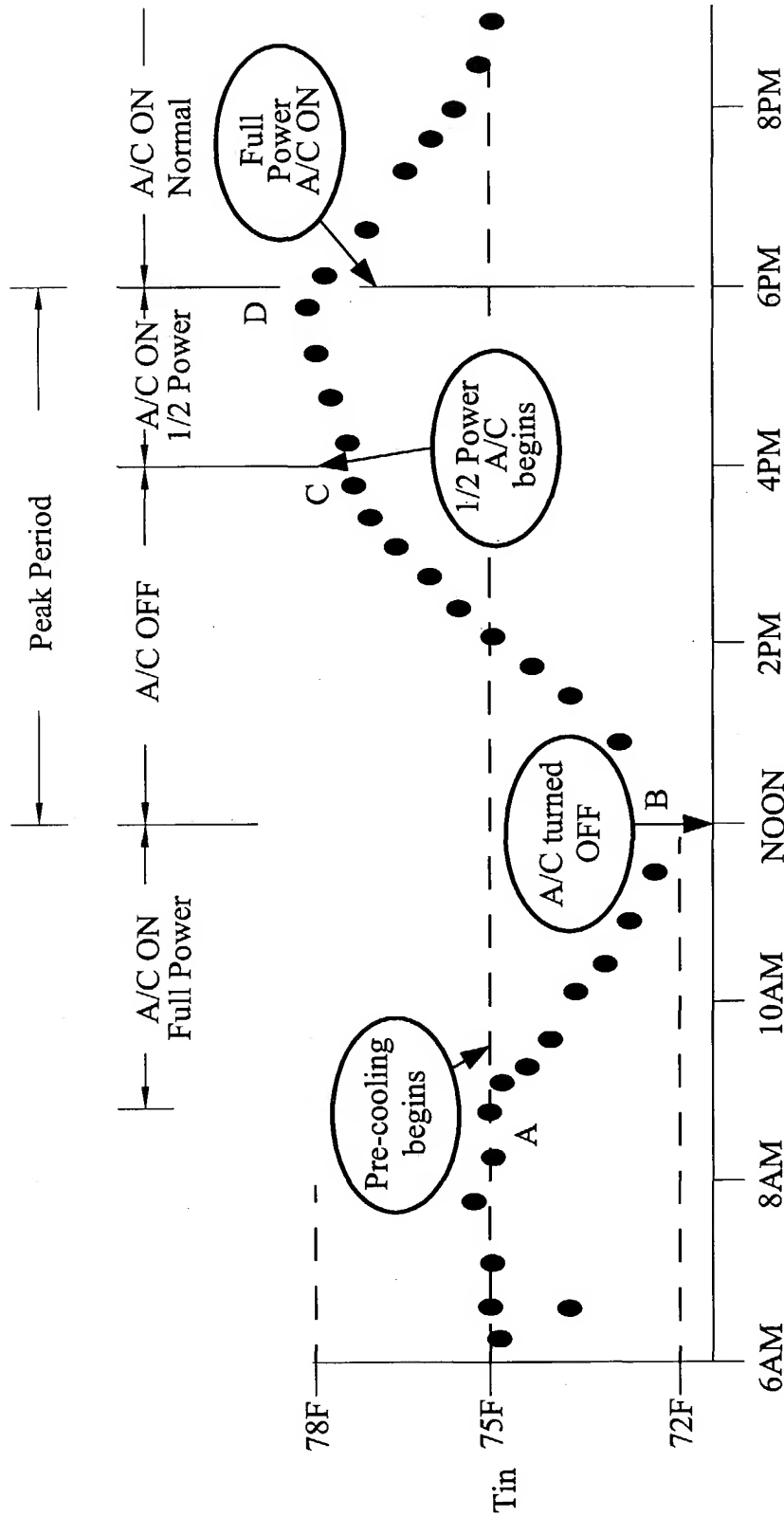


FIG. 8B



Energy Saver in Peak Reduction Mode for 3-Level System

FIG. 9

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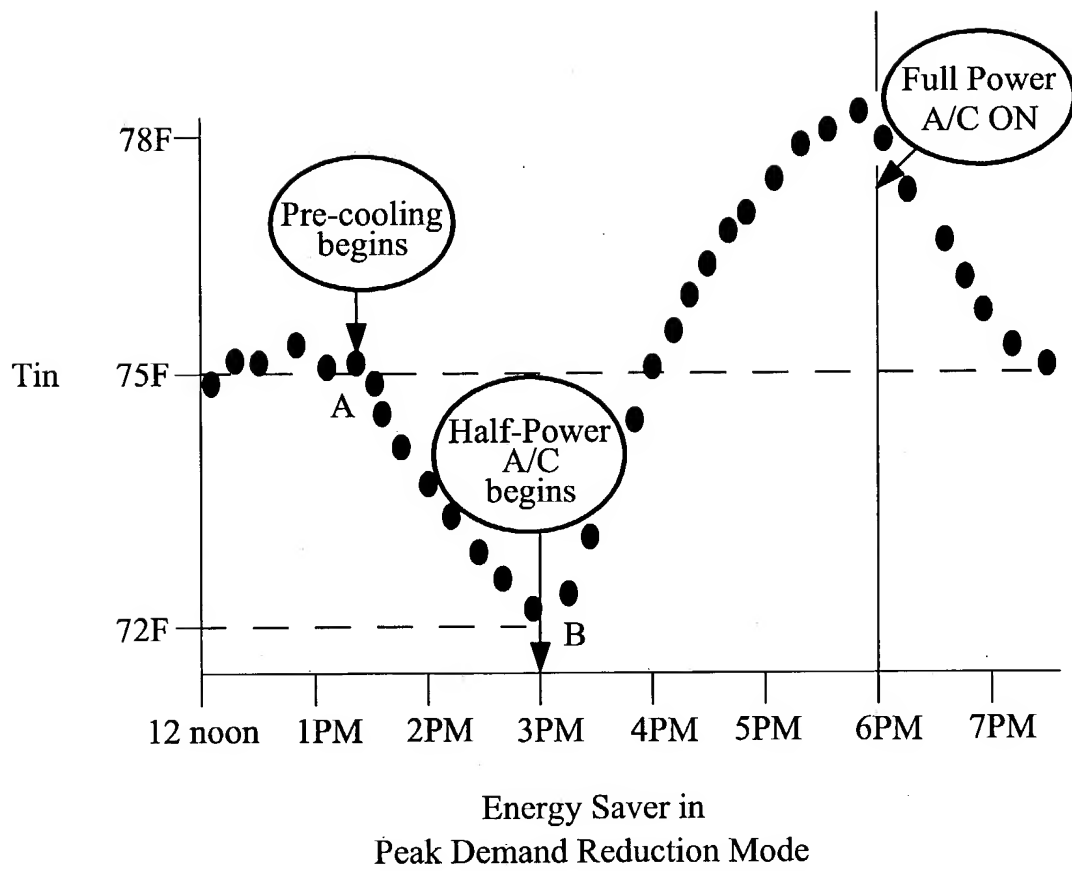
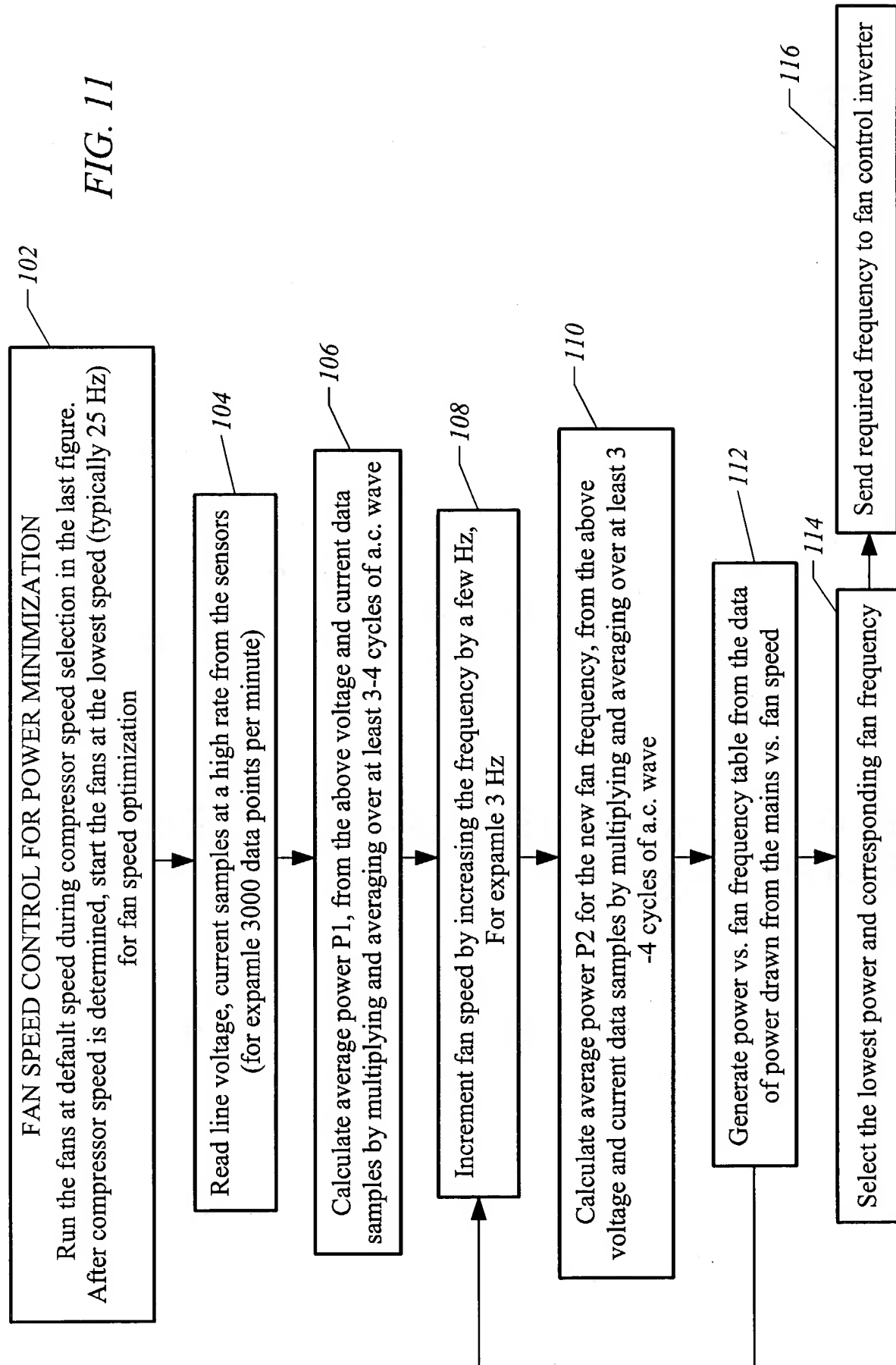
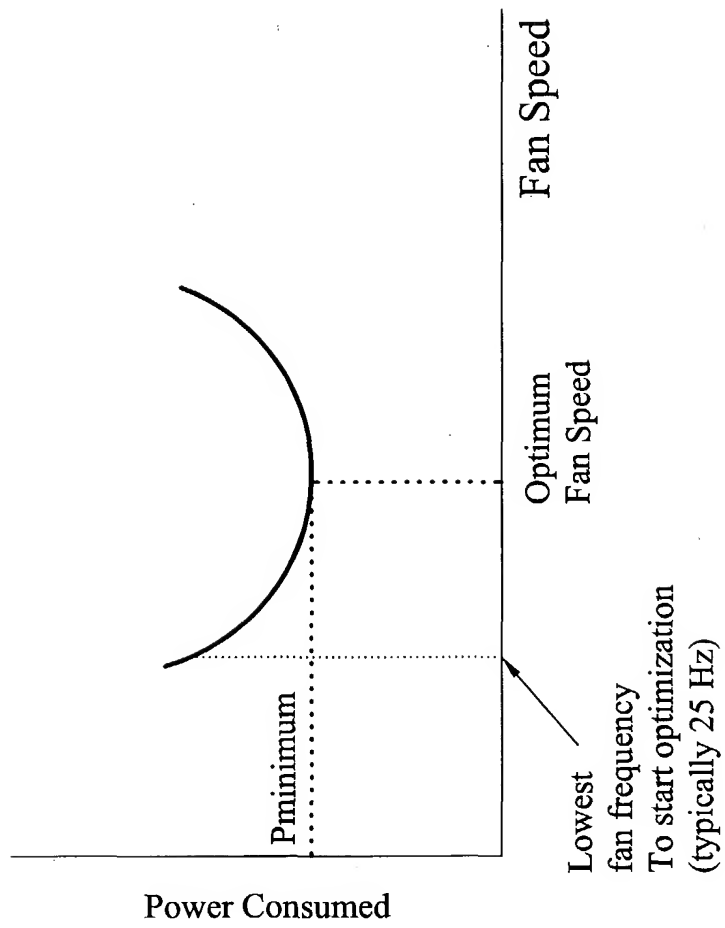


FIG. 10

FIG. 11



*FIG. 12*